EXHIBIT A CNDDB FORMS

	For Office Use Only	
Source Code	Quad Code	_
Elm Code	Occ. No	
EO Index No.	Map Index No.	_

Dota of Field World (1997) 05/20/2008 EO Index No	Map Index No	
Date of Field Work (mmlddlyyyy): 05/20/2008		
Reset California Native Species Field	d Survey Form Send Form	
Scientific Name: Polioptila californica		
Common Name: California gnatcatcher		
Total No. Individuals 2 Subsequent Visit? ☐ yes ☑ no Is this an existing NDDB occurrence? ☐ no ☑ unk. Yes, Occ. # Address Grass V E-mail A	r: Virginia Moran, Ecological Outreach Servs("OS) :: POB 2858 Valley, CA 95945 ddress: ecooutreachmoran@yahoo.com (530) 272-7132	
Plant Information Animal Information		
Phenology: wegetative flowering fruiting 1 # adults # juveniles	# larvae # egg masses # unknown	
Location Description (please attach map AND/OR fill out your	choice of coordinates, below)	
Heard and saw one adult bird. Only heard second bird.	, , , , , , , , , , , , , , , , , , , ,	
County: San Diego County Quad Name: Pala 7.5" topographic quadrangle T R Sec,¼ of¼, Meridian: H□ M□ S□ Source of Coordinates (GPS, topo. map & type): T R Sec,¼ of¼, Meridian: H□ M□ S□ GPS Make & Model DATUM: NAD27 □ NAD83 □ WGS84 □ Horizontal Accuracy meters/feet Coordinate System: UTM Zone 10 □ UTM Zone 11 □ OR Geographic (Latitude & Longitude) ☑ Coordinates: 33o 21' 19" 117o 06' 49" (taken from USGS National Mapping program http://nationalmap.gov/)		
Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope): Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oak grasses (dried) with the following shrubs: California sagebrush (Artemisia californica), California Coastal buckwheat (Eriogonum fasciculatum), Laurel sumac (Malsoma laurina), holly-leaved cherry (Prunus illcifolia), scrub oak (Quercus berberidifoila), white sage (Salvia apiana), ropevine clematis (Clematis pauciflora) and chaparral bushmallow (Malacothamnus fasciculatus). The typically later blooming tarweeds (Deinandra fasciculata and Deinandra paniculata) were already in anthesis and entering seed set (in mid-May). Other rare taxa seen at THIS site on THIS date: Loggerhead shrike and San Diego horned lizard (separate form preferred)		
Site Information Overall site/occurrence quality/viability (site + population): ☐ Excellent ☐ Good ☑ Fair ☐ Poor Immediate AND surrounding land use: Visible disturbances: Existing dirt access road. Threats: Development Comments:		
Determination: (check one or more, and fill in blanks) Keyed (cite reference): Compared with specimen housed at: Compared with photo / drawing in: By another person (name): Other:	Photographs: (check one or more) Slide Print Digital Plant / animal	

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Source Code	Quad Code	
Elm Code	Occ. No	
EO Index No.	Map Index No	

Date of Field Work (mm/dd/yyyy): 02/12/2008 EO Index No.	Map Index No.		
Reset California Native Species Fiel	d Survey Form Send Form		
Scientific Name: Polioptila californica californica			
Common Name: Coastal California Gnatcatcher			
Total No. Individuals I Subsequent Visit?	r: Paula Potenza - TRC Solutions, Inc. 1903 Wright Place, Suite 190 ad, CA 92008 Address: ppotenza@trcsolutions.com (760) 603-1740		
Phenology: wegetative flowering fruiting I # adults # juveniles I I I I I I I I I	# larvae # egg masses # unknown		
Location Description (please attach map <u>AND/OR</u> fill out your	choice of coordinates, below)		
County: San Diego Landowner / Mgr.:			
Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope): Coastal sage scrub and grasslands - coastal sage scrub dominate shrubs included California sage brush, California buckwheat, laural sumac, lemonade berry, blue elderberry, cholla, beavertail cactus, with understory of nonnative grassess and forbs. On mostly south facing slope/bowl. Other rare taxa seen at THIS site on THIS date: (separate form preferred)			
Site Information Overall site/occurrence quality/viability (site + population):			
Determination: (check one or more, and fill in blanks) Keyed (cite reference): Compared with specimen housed at: Compared with photo / drawing in: By another person (name): Other: Permitted CAGN biologist, during habitat assessment survey	Photographs: (check one or more) Slide Print Digital Plant / animal		

Date of	Field Work	(mm/dd/yyyy):	03/28/2008	
Date of a	Lieia Akotk	IIIIIII/UU/YYYY/	03/20/2000	

	For Office Use Only	$ begin{array}{c} \end{array}$
Source Code	Quad Code	
Elm Code	Occ. No	
EO Index No.	Map Index No.	

Date of Field Work (mm/dd/yyyy): 03/28/2008			
Reset California Native Species Field Survey Form Send Form			
Scientific Name: Polioptila californica californica			
Common Name: Coastal California Gnatcatcher			
Yes No If not, why? Total No. Individuals 2 Subsequent Visit?	Paula Potenza - TRC Solutions, Inc. 1903 Wright Place, Suite 190 I, CA 92008 dress: ppotenza@trcsolutions.com (760) 603-1740		
Plant Information Phenology:%%% vegetative flowering fruiting Animal Information 2	# larvae # egg masses # unknown		
Location Description (please attach map AND/OR fill out your c			
County: San Diego Landowner / Mgr.: Quad Name: Pala Topographical Quadrangle	Elevation: 440 feet		
	Coordinates (GPS, topo. map & type): GIS map		
DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐ Horizontal Accuracy			
Habitat Description (plant communities, dominants, associates, substrates/solls, aspects/slope): Coastal sage scrub and grasslands - coastal sage scrub dominate shrubs included California sage brush, California buckwheat, laural sumac, lemonade berry, blue elderberry, cholla, beavertail cactus, with understory of nonnative grassess and forbs. On mostly south facing slope/bowl.			
Other rare taxa seen at THIS site on THIS date: (separate form preferred)			
Site Information Overall site/occurrence quality/viability (site + population):			
Visible disturbances: Dirt access road, State Route 76.			
Threats: Developement.			
Comments: First survey of a CAGN protocol survey - Survey dates included March 28, 2008; April 3, 10, 17, and 25, 2008; and May 2, 2008.			
Determination: (check one or more, and fill in blanks) Keyed (cite reference): Compared with specimen housed at: Description: By another person (name): Other: Permitted CAGN biologist, during CAGN protoc) survey	Photographs: (check one or more) Slide Print Digital Plant / animal □ □ □ Habitat □ □ □ Diagnostic feature □ □ □ May we obtain duplicates at our expense? yes □ no □		

Date of Field Work (mm/dd/yyyy): 04/03/2008

	For Office Use Only
Source Code	Quad Code
Elm Code	Occ. No
EO Index No.	Map Index No

Reset California Native Species Fiel	d Survey Form Send Form	
Scientific Name: Polioptila californica californica		
Common Name: Coastal California Gnatcatcher		
Yes No If not, why? Total No. Individuals 2 Subsequent Visit?	r: Paula Potenza - TRC Solutions, Inc. 1903 Wright Place, Suite 190 ad, CA 92008 Address: ppotenza@trcsolutions.com (760) 603-1740	
Plant Information Animal Information		
Phenology: % % % % 10wering fruiting 2 # adults # juveniles Phenology: % % % % % # adults # juveniles	# larvae # egg masses # unknown	
Location Description (please attach map <u>AND/OR</u> fill out your	choice of coordinates, below)	
County: San Diego Landowner / Mgr.: Quad Name: Pala Topographical Quadrangle T R Sec,¼ of¼, Meridian: H□ M□ S□ Source of Coordinates (GPS, topo. map & type): GIS map T R Sec,¼ of¼, Meridian: H□ M□ S□ GPS Make & Model DATUM: NAD27 □ NAD83 □ WGS84 □ Horizontal Accuracy meters/feet Coordinate System: UTM Zone 10 □ UTM Zone 11 □ OR Geographic (Latitude & Longitude) □ Coordinates: Lat. 33 21' 13.704" N / Long. 117 6' 50.411" W		
Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope): Coastal sage scrub and grasslands - coastal sage scrub dominate shrubs included California sage brush, California buckwheat, laural sumac, lemonade berry, blue elderberry, cholia, beavertail cactus, with understory of nonnative grassess and forbs. On mostly south facing slope/bowl. Other rare taxa seen at THIS site on THIS date: (separate form preferred)		
Site Information Overall site/occurrence quality/viability (site + population):		
Determination: (check one or more, end fill in blanks)	Photographs: (check one or more) Slide Print Digital Plant / animal Habitat Diagnostic feature May we obtain duplicates at our expense? yes □ □	

Date of Field Work (mm/dd/yyyy): 04/10/2008

For Office Use Only		
Source Code _		Quad Code
Elm Code		Occ. No
EO Index No.		Map Index No.

Reset California Native Species Fiel	d Survey Form	nd Form
Scientific Name: Polioptila californica californica		
Common Name: Coastal California Gnatcatcher		
Yes No If not, why? Total No. Individuals 2 Subsequent Visit? yes no Sath no	r: Paula Potenza - TRC Solutions, Inc. 1903 Wright Place, Suite 190 ad, CA 92008 address: ppotenza@trcsolutions.com (760) 603-1740	
Plant Information Animal Information		
Phenology: wegetative flowering fruiting 2 # adults # juveniles	# larvae # egg masses Urrow site rookery nesting	# unknown Other
Location Description (please attach map <u>AND/OR</u> fill out your	choice of coordinates, below	v)
County: San Diego Landowner / Mgr. Quad Name: Pala Topographical Quadrangle	Elevation: 4	
	of Coordinates (GPS, topo. map & type): ake & Model	
DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐ Horizont	tal Accuracy ic (Latitude & Longitude) ☑	meters/feet
Habitat Description (plant communities, dominants, associates, substrates/solls, aspects/	/slope);	
Coastal sage scrub and grasslands - coastal sage scrub dominate shrubs included California sage brush, California buckwheat, laural sumac, lemonade berry, blue elderberry, cholla, beavertail cactus, with understory of nonnative grassess and forbs. On mostly south facing slope/bowl. Other rare taxa seen at THIS site on THIS date:		
(separate form preferred)	•	
Site Information Overall site/occurrence quality/viability (site + population):	☐Excellent ☐Good ☐Fair	□ Poor
Visible disturbances: Dirt access road, State Route 76.		
Threats: Developement.		
Comments: Third survey of a CAGN protocol survey - Survey dates included March 28, 2008; April 3, 10, 17, and 25, 2008; and May 2, 2008.		
Determination: (check one or more, and fill in blanks)	Photographs: (check one or more) Slide	Print Digital
□ Keyed (cite reference): □ Compared with specimen housed at: □ Compared with photo / drawing in: □ By another person (name):	Plant / animal Habitat Diagnostic feature	
By another person (name): Other: Permitted CAGN biologist, during CAGN protocl survey	May we obtain duplicates at our expense?	yes no

Date of Field Work (mm/dd/yyyy): 04/25/2008

	For Office U	Use Only
Source Code		Quad Code
Elm Code		Occ. No
EO Index No		Map Index No.

Reset California Native Species Field	d Survey Form Send Form
scientific Name: Polioptila californica californica	
Common Name: Coastal California Gnatcatcher	
Total No. Individuals 5 Subsequent Visit?	: Paula Potenza - TRC Solutions, Inc. : 1903 Wright Place, Suite 190 d, CA 92008 ddress: ppotenza@trcsolutions.com (760) 603-1740
Plant Information Animal Information	
Phenology: wegetative flowering fruiting fruiting fruiting breeding wintering but	# larvae # egg masses # unknown
Location Description (please attach map <u>AND/OR</u> fill out your o	choice of coordinates, below)
T R Sec,¼ of¼, Meridian: H□ M□ S□ GPS Mai. DATUM: NAD27 □ NAD83 □ WGS84 □ Horizonta	Elevation:
Habitat Description (plant communities, dominants, associates, substrates/solls, aspects/s Coastal sage scrub and grasslands - coastal sage scrub dominate shrubs included Cali sumac, lemonade berry, blue elderberry, cholla, beavertail cactus, with understory of facing slope/bowl. Other rare taxa seen at THIS site on THIS date: (separate form preferred)	ifornia sage brush, California buckwheat, laural
Site Information Overall site/occurrence quality/viability (site + population): Immediate AND surrounding land use: Visible disturbances: Dirt access road, State Route 76. Threats: Development. Comments: Fifth survey of a CAGN protocol survey with three fledged juveniles off the nest March 28, 2008; April 3, 10, 17, and 25, 2008; and May 2, 2008.	Excellent
Determination: (check one or more, end fill in blanks) Keyed (cite reference): Compared with specimen housed at: Compared with photo / drawlng ln: By another person (name): Other: Permitted CAGN biologist, during CAGN protocl survey	Photographs: (check one or more) Slide Print Digital Plant / animal □ □ □ Habitat □ □ □ Diagnostic feature □ □ □ May we obtain duplicates at our expense? yes □ no □

Date of Field Work (mm/dd/yyyy): 05/02/2008

	For Office Use Only
Source Code	Quad Code
Elm Code	Occ. No
EO Index No.	Map Index No

Reset California Native Species Field	d Survey Form Send Form		
scientific Name: Polioptila californica californica			
common Name: Coastal California Gnatcatcher			
Yes No If not, why? Total No. Individuals 5 Subsequent Visit? ☑ yes ☐ no Is this an existing NDDB occurrence? ☐ no ☐ unk. Collection? If yes:	r: Paula Potenza - TRC Solutions, Inc. 1903 Wright Place, Suite 190 ad, CA 92008 ddress: ppotenza@trcsolutions.com (760) 603-1740		
Plant Information Phenology: vegetative flowering fruiting	# larvae # egg masses # unknown		
Location Description (please attach map <u>AND/OR</u> fill out your o			
TR Sec, ¼ of¼, Meridian: H□ M□ S□ GPS Ma DATUM: NAD27 □ NAD83 □ WGS84 □ Horizont	Elevation: 440 feet of Coordinates (GPS, topo. map & type): GIS map ke & Model al Accuracy meters/feet c (Latitude & Longitude)		
Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope): Coastal sage scrub and grasslands - coastal sage scrub dominate shrubs included California sage brush, California buckwheat, laural sumac, lemonade berry, blue elderberry, cholla, beavertail cactus, with understory of nonnative grassess and forbs. On mostly south facing slope/bowl. Other rare taxa seen at THIS site on THIS date: (separate form preferred)			
Site Information Overall site/occurrence quality/viability (site + population): Immediate AND surrounding land use: Visible disturbances: Dirt access road, State Route 76. Threats: Developement. Comments: Last survey of a CAGN protocol survey with three fledged juveniles off the nest March 28, 2008; April 3, 10, 17, and 25, 2008; and May 2, 2008.	Excellent		
Determination: (check one or more, and fill in blanks) ☐ Keyed (cite reference): ☐ Compared with specimen housed at: ☐ Compared with photo / drawing in: ☐ By another person (name): ☐ Other: Permitted CAGN biologist, during CAGN protocl survey	Photographs: (check one or more) Slide Print Digital Plant / animal □ □ □ Habitat □ □ □ Diagnostic feature □ □ □ May we obtain duplicates at our expense? yes □ no □		

	For Office Use Only
Source Code	Quad Code
Elm Code	Occ. No
EO Index No.	Map Index No

Date of Field Work (mm/dd/yyyy): 05/14/2008 EO Index No.	Map Index No.		
Reset California Native Species Fiel	d Survey Form Send Form		
Scientific Name: Vireo bellii pusillus			
Common Name: Least Bell's Vireo			
Yes No If not, why? Total No. Individuals 4 Subsequent Visit? yes no Carlsb. Is this an existing NDDB occurrence? no unk. Yes, Occ. #	r: Paula Potenza - TRC Solutions, Inc. s: 1903 Wright Place, Suite 190 ad, CA 92008 Address: ppotenza@trcsolutions.com (760) 603-1740		
Plant Information Phenology: vegetative flowering fruiting fruiting fruiting fruiting fruiting breeding wintering by the first fruiting	# larvae # egg masses # unknown		
Location Description (please attach map <u>AND/OR</u> fill out your			
County: San Diego Landowner / Mgr Quad Name: Pala Topographical Quadrangle	::Elevation: 290 feet		
T R Sec, ¼ of ¼, Meridian: H□ M□ S□ Source	of Coordinates (GPS, topo. map & type): map		
DATUM: NAD27 NAD83 WGS84 Horizon	ake & Modelmeters/feet tal Accuracymeters/feet ic (Latitude & Longitude) 🗸		
Habitat Description (plant communities, dominants, associates, substrates/soils, aspects.	/slope):		
Southern cottonwood-willow riparian forest - dominat trees and shrubs include western cottonwood, black willow, arroyo willow, mule-fat, mugwort, rageweed, cattails, and poison oak. Riparian cooridor along the north side of the San Luis Rey River.			
Other rare taxa seen at THIS site on THIS date: (separate form preferred)			
Site Information Overall site/occurrence quality/viability (site + population): Immediate AND surrounding land use:	⊒Excellent ☑Good □Fair □Poor		
Visible disturbances: Dirt access roads, old buildings, State Route 76.			
Threats: Developement.			
Comments: Observed duirng LBV presence/absence protocol surveys. Protocol presence/absence LBV surveys were conducted on April 14 and 24, 2008; May 4, 14, and 28, 2008; and June 3, 13, and 23, 2008. At least two male LBV's from the 2 pairs were observed during all surveys. Additional LBV other than the 4 adults (2 pair) observed are on a seperate CNDDB form.			
Determination: (check one or more, and fill in blanks) Keyed (cite reference): Compared with specimen housed at: Compared with photo / drawing in: National Geographic Birds of North America By another person (name): Other: Oualified biologist, during LBV presence/absence protocl surveys	Photographs: (check one or more) Stide Print Digital Plant / animal		

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Source Code	Quad Code
Elm Code	Occ. No
EO Index No.	Map Index No.

Date of Field Work (mm/dd/yyyy): 00/23/2008			
California Native Species Fie	Id Survey Form Send Form		
Scientific Name: Vireo bellii pusillus			
Common Name: Least Bell's Vireo			
Total No. Individuals 8 Subsequent Visit? yes no Carls Is this an existing NDDB occurrence? no Yes, Occ. #	er: Paula Potenza - TRC Solutions, Inc. ss: 1903 Wright Place, Suite 190 bad, CA 92008 Address: ppotenza@trcsolutions.com (760) 603-1740		
Plant Information Phenology:%% fruiting Phenology:% tegetative flowering fruiting	s # larvae # egg masses # unknown U U U burrow site rookery nesting other		
Location Description (please attach map AND/OR fill out your County: San Diego Landowner / Mg	choice of coordinates, below)		
Quad Name: Pala Topographical Quadrangle	Elevation: 290 feet		
	e of Coordinates (GPS, topo. map & type); map		
	lake & Model		
	ntal Accuracy meters/feet		
	hic (Latitude & Longitude) 🗸		
Coordinates: Pair 1: Lat. 33 20' 36.62" N / Long. 117 7' 10.02" W; Pair 3 + Juv.: Lat. 33 20' 33.96" N / Long. 117 7' 13.26" W Pair 2: Lat. 33 20' 34.97" N / Long. 117 7' 10.72" W; Single Male: Lat. 33 20' 41.11" N / Long. 117 7' 3.96" W			
Habitat Description (plant communities, dominants, associates, substrates/solis, aspect	s/slope):		
Southern cottonwood-willow riparian forest - dominat trees and shrubs include western cottonwood, black willow, arroyo willow, mule-fat, mugwort, rageweed, cattails, and poison oak. Riparian cooridor along the north side of the San Luis Rey River.			
Other rare taxa seen at THIS site on THIS date: (separate form preferred)			
Site Information Overall site/occurrence quality/viability (site + population): Immediate AND surrounding land use:	□ Excellent □ Good □ Fair □ Poor		
Visible disturbances: Dirt access roads, old buildings, State Route 76.			
Threats: Developement.			
Comments: Observed duiring LBV presence/absence protocol surveys. Protocol presence/absence LBV surveys were conducted on April 14 and 24, 2008; May 4, 14, and 28, 2008; and June 3, 13, and 23, 2008.			
Determination: (check one or more, and fill in blanks) Keyed (cite reference): Compared with specimen housed at: Compared with photo / drawing in: National Geographic Birds of North America By another person (name): Other: Qualified biologist, during LBV presence/absence protoct surveys	Photographs: (check one or more) Slide Print Digital Plant / animal		

	For Office Use Only
Source Code	Quad Code
Elm Code	Occ. No
EO Index No.	Map Index No.

Date of Field Work (mmlddlyyyy): 05/21/2008	map index No.		
Reset California Native Speci	ies Field Survey Form Send Form		
Scientific Name: Vireo bellii			
Common Name: Least Bell's Vireo			
Species Found? Yes No If not, why? Total No. Individuals 1 Subsequent Visit? yes Ino Is this an existing NDDB occurrence? no Individuals Yes, Occ. # Collection? If yes: Number Museum / Herbarium	Reporter: Virginia Moran, Ecological Outreach Servs(EOS) Address: POB 2858 Grass Valley, CA 95945 E-mail Address: ecooutreachmoran@yahoo.com Phone: (530) 272-7132		
Plant Information Animal Informat	ion		
Phenology:%	# juveniles # larvae # egg masses # unknown		
Location Description (please attach map <u>ANDIOR</u> fill of Heard and saw one bird.	out your choice of coordinates, below)		
County: San Diego County Land	lowner / Mgr.: <u>Unknown</u>		
Quad Name: Pala 7.5" topographic quadrangle	Elevation:		
T R Sec,¼ of¼, Meridian: H□ M□ S□			
T R Sec,½ of½, Meridian: H□ M□ S□ DATUM: NAD27 □ NAD83 □ WGS84 □	The state of the s		
Coordinate System: UTM Zone 10 UTM Zone 11 OR			
Coordinates: 330 20' 38" 1170 07' 09" (taken from USGS National Ma	enning program http://netionalman.com/		
the second secon	apping program http://nationalinap.gov/)		
Habitat Description (plant communities, dominants, associates, substrates/s	soils, aspects/slope):		
In riparian habitat along the San Luis Rey river drainage and floodplain. The song of this species is quite distinctive and this bird was belting it out loudly. Hard to miss. In high quality riparian habitat of different height classes including taller willows. Primary tree species were Fremont cottonwood (Populus fremontii), red willow (Salix laevigata), arroyo willow (Salix lasiolepis), Goodding's black willow (Salix gooddingii), shining willow (Salix lasiandra lasiandra), and western sycamore (Platanus racemosa).			
Other rare taxa seen at THIS site on THIS date: (separate form preferred)			
Site Information Overall site/occurrence quality/viability (site + popul	ation): ☑ Excellent ☐ Good ☐ Fair ☐ Poor		
Immediate AND surrounding land use:			
Visible disturbances: Existing dirt access road.			
Threats: Development			
Comments:			
Determination: (short-see a see a se			
Determination: (check one or more, and fill in blanks) Keyed (cite reference):	Photographs: (check one or more) Slide Print Digital Plant / animal		
☐ Compared with specimen housed at:	Habitat D D D		
By another person (name):	Diagnostic feature		
Other:	May we obtain duplicates at our expense? yes ✓ no ☐		

Mail to: California Natural Diversity Database Department of Fish and Game 1807 13th Street, Suite 202

	For Office Use Only
Source Code	Quad Code
Elm Code	Occ. No
EO Index No.	Map Index No.

Sacramento, CA 95814 Fax: (916) 324-0475 email: CNDDB@dfg.ca.gov	Elm Code	Occ. No.	
Date of Field Work (mmlddlyyyy): 05/22/2008	EO Index No.	Map Inde	ex No
5/22/2008 California Native	Species Field	d Survey Form	Send Form
Scientific Name: Phrynosoma coronatum (blainvil	lii population)		
Common Name: San Diego horned lizard			
Species Found? Yes No If not, why? Total No. Individuals 3 Subsequent Visit? yes Is this an existing NDDB occurrence? 1 no Yes, Occ. # Collection? If yes: Number Museum / Herbarium	✓ no ✓ unk. Address Grass V E-mail A	e: Virginia Moran, Ecologi POB 2858 Valley, CA 95945 ddress: ecooutreachmoran (530) 272-7132	
Plant Information Anima	al Information		
Phenology:%%% # ac provided the provided provid			masses # unknown
Location Description (please attach map AND)	OR fill out your	choice of coordinate	es, below)
Seen in existing dirt access road.			ļ
Quad Name: Bonsall 7.5" topographic quadrangle T R Sec, ¼ of ¼, Meridian: HE T R Sec, ¼ of ¼, Meridian: HE DATUM: NAD27	■ M□ S□ GPS Ma Horizont ■ OR Geographi National Mapping program substrates/sol/s, aspects/ s taking cover in copion	Elevation of Coordinates (GPS, topo, n ke & Model al Accuracy c (Latitude & Longitude) am http://nationalmap.gov/	meters/feet) at occur under strip of
(separate form preferred)			
Site Information Overall site/occurrence quality/viability (simmediate AND surrounding land use: Visible disturbances: Along SR Hwy 76 in rural residential area. Threats: Development Comments:	site + population): [Excellent Good	☑ Fair □ Poor
Determination: (check one or more, and fill in blanks) Keyed (cite reference): Compared with specimen housed at: Compared with photo / drawing in: By another person (name): Other:		Photographs: (check one or Plant / animal Habitat Diagnostic feature	

Mail to: California Natural Diversity Database Department of Fish and Game 1807 13th Street, Suite 202 Sacramento, CA 95814

		_
	For Office Use Only	
Source Code	Quad Code	_
Elm Code	Occ. No	_
EO Index No.	Map Index No.	-)

Fax: (916) 324-0475 email: CNDDB@dfg.ca.gov				000.140.		
Date of Field Work (mmlddlyyyy): 05/20/2008 EO Index No Map Index No						
Reset California Na	tive Specie	s Field	d Survey	Form	Son	d Form
Scientific Name: Phrynosoma coronatum (bla	iinvillii popula	tion)				
Common Name: San Diego horned lizard						<u> </u>
Species Found? Yes No If not, why? Total No. Individuals1 Subsequent Visit?]yes ☑no	Address	: Virginia M		cal Outreach	Servs(EOS)
s this an existing NDDB occurrence? no unk. E-mail A		Valley, CA 95945 Address: ecooutreachmoran@yahoo.com (530) 272-7132				
	Animal Information					
Phenology:%%% vegetative flowering fruiting	# adults	# juveniles	# larvae		masses certing	# unknown Other
Location Description (please attach map A	<u>ND/OR</u> fill o	ıt your e	choice of c	oordinate	s, below	<i>'</i>)
Seen in existing dirt access road.						
County: San Diego County Quad Name: Pala 7.5" topographic quadrangle	Lando	wner / Mgr.	: Unknown	Elevation:	·	<u> </u>
T R Sec,¼ of¼, Meridi	an: HO MO SO	Source of	of Coordinates			
T R Sec, ¼ of ¼, Meridi			ke & Model			
DATUM: NAD27 ☐ NAD83 ☐ WGS8 Coordinate System: UTM Zone 10 ☐ UTM Zone	_		al Accuracy c (Latitude & Lo			meters/feet
Coordinates: 330 21' 11" 1170 06' 54" (taken from U						
330 21 11 1170 00 34 (aren 11011 C	ooo wanona wa	phug biogi	am mup.//nauc	mannap.gov/)		
Habitat Description (plant communities, dominants, associated sage scrub. Dominants of herbaceous layer was following shrubs: California sagebrush (Artemisia califo (Malsoma laurina), holly-leaved cherry (Prunus illcifol clematis (Clematis pauciflora), and chaparral bushmallo (Deinandra fasciculata and Deinandra paniculata) were a	s primarily nonnati fornica), California ia), scrub oak (Quo w (Malacothamnu already in anthesis	ve annual to Coastal but ercus berbe s fascicular and entering	oromes and will ackwheat (Erio ridifoila), whit tus). The typica ng seed set (in	gonum fascicu e sage (Salvia ally later bloor mid-May).	ulatum), L au apiana), ror	urel sumac pevine
Other rare taxa seen at THIS site on THIS date: L (separate form preferred)	oggerhead shrike a	and Califor	nia gnatcatcher			
Site Information Overall site/occurrence quality/vial Immediate AND surrounding land use:	bility (site + popula	tion):	Excellent	□Good	□Fair	Poor
Visible disturbances: Existing dirt access road.						
Threats: Development						
Comments:						
Determination: (check one or more, and fill in blanks) Keyed (cite reference): Compared with specimen housed at: Compared with photo / drawing in: By another person (name): Other:			Plant / an Habitat Diagnosti			

Date of Field Work (mm/dd/yyyy): 04/10/2008

	For Office Use Only
Source Code	Quad Code
Elm Code	Occ. No
EO Index No.	Map Index No

Reset California Nativo Species	Field Survey Form Send Form
Scientific Name: Phrynosoma coronatum (blainvillii p	Tield Odivey i Oilli
Common Name: San Diego horned lizard	
Species Found?	Reporter: Ryan Villanueva, TRC Address: 21 Technology Dr. E-mail Address: rvillanueva@trcsolutions.com Phone: (949) 838-7482
Plant Information Animal Information	
Phenology:%%% # adults # # adults # breeding wintering	# juveniles # larvae # egg masses # unknown
Location Description (please attach map <u>AND/OR</u> fill out Observed in existing dirt road.	your choice of coordinates, below)
Quad Name: Pala 7.5" topographic quadrangle TR Sec,¼ of¼, Meridian: H□ M□ S□ TR Sec,¼ of¼, Meridian: H□ M□ S□ DATUM: NAD27 □ NAD83 □ WGS84 □	Elevation: Source of Coordinates (GPS, topo. map & type): GPS Make & Model Horizontal Accuracy eographic (Latitude & Longitude) ing program http://nationalmap.gov/)
Habitat Description (plant communities, dominants, associates, substrates/soils, Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative following shrubs: California sagebrush (Artemisia californica), California ca (Malsoma laurina), holly-leaved cherry (Prunus illcifolia), scrub oak (Querc clematis (Clematis pauciflora), and chaparral bushmallow (Malathamnus fast Other rare taxa seen at THIS site on THIS date: California gnatcatcher (separate form preferred)	annual bromes and wild oat grasses (dried) with the oastal buckwheat (Eriogonum fasciculatum), laurel sumacus berberidifolia), white sage (Salvia apiana), ropevine sciculatus).
Site Information Overall site/occurrence quality/viability (site + populatio Immediate AND surrounding land use: Visible disturbances: Existing dirt access road. Threats: Development Comments:	n): ☑ Excellent ☐ Good ☐ Fair ☐ Poor
Determination: (check one or more, and fill in blanks) ☐ Keyed (cite reference): ☐ Compared with specimen housed at: ☐ Compared with photo / drawing in: ☐ By another person (name): ☐ Other:	Photographs: (check one or more) Slide Print Digital Plant / animal

Date of Field Work (mm/dd/yyyy): 09/19/2007

	For Office U	Jse Only
Source Code		Quad Code
Elm Code		Occ. No
EO Index No		Map Index No.

Date of Field Work (mm/dd/yyyy): 09/19/2007	
Reset California Native Speci	es Field Survey Form Send Form
Scientific Name: Crotalus ruber ruber	
Common Name: Northern Red-Diamond Rattlesnake	
Species Found?	Reporter: Michael Bumgardner Address: 11571 Prospect Hill Drive Gold River, CA 95670 E-mail Address: MBumgardner4@comcast.net Phone: (916) 638-7368
Plant Information Animal Informat.	ion
Phenology:%	# juveniles # larvae # egg masses # unknown
Location Description (please attach map AND/OR fill o	out your choice of coordinates, below)
County: San Diego Lander Quad Name: Pala T R Sec,¼ of¼, Meridian: H□ M□ S□ T R Sec,¼ of¼, Meridian: H□ M□ S□ DATUM: NAD27 □ NAD83 □ WGS84 □ Coordinate System: UTM Zone 10 □ UTM Zone 11 □ OR Coordinates: 117° 6′ 46.169″ W, 33° 21′ 21.784″ N (submitted on behalf TRC Solutions, Irvine, CA])	Source of Coordinates (GPS, topo. map & type): GPS GPS Make & Model unknown Horizontal Accuracy unknown meters/feet Geographic (Latitude & Longitude)
Habitat Description (plant communities, dominants, associates, substrates/s	
coastal sage scrub (southern aspect) dominated by California sagebrush, scrub oak, and white sage Other rare taxa seen at THIS site on THIS date: (separate form preferred)	California coastal buckwheat, laurel sumac, holly-leaved cherry,
Site Information Overall site/occurrence quality/viability (site + popular site)	ation): ☑ Excellent ☐ Good ☐ Fair ☐ Poor
Immediate AND surrounding land use:	
Visible disturbances:	
Threats: Comments:	
Potermination: (sheek are as a still to the least	District of the second of the
Determination: (check one or more, and fill in blanks)	Photographs: (check one or more) Slide Print Digital Plant / animal Habitat Diagnostic feature May we obtain duplicates at our expense? yes no

Date of Field Work (mm/dd/sans): 03/14/2007

	For Office Use Only
Source Code	Quad Code
Elm Code	Occ. No
EO Index No.	Map Index No

Date of Field Work (mm/dd/yyyy): 03/14/2007			
Reset California Native Species Fiel	d Survey Form Send Form		
Scientific Name: Quercus engelmannii			
Common Name: Engelmann Oak			
Yes No If not, why? Total No. Individuals7 Subsequent Visit? ☐ yes ☑ no Is this an existing NDDB occurrence? ☑ no ☐ unk. Yes, Occ. # Address Gold R E-mail A	r: Michael Bumgardner s: 11571 Prospect Hill Drive tiver, CA 95670 Address: MBumgardner4@comcast.net (916) 638-7368		
Plant Information Animal Information			
Phenology: 100 %	# larvae # egg masses # unknown U		
Location Description (please attach map <u>AND/OR</u> fill out your	choice of coordinates, below)		
County: San Diego Landowner / Mgr.: San Diego Gas & Electric Company Quad Name: Pala Elevation: 440 feet T R Sec, 1/4 of 1/4, Meridian: H□ M□ S□ Source of Coordinates (GPS, topo. map & type): GPS T R Sec, 1/4 of 1/4, Meridian: H□ M□ S□ GPS Make & Model unknown DATUM: NAD27 □ NAD83 □ WGS84 □ Horizontal Accuracy unknown meters/feet Coordinate System: UTM Zone 10 □ UTM Zone 11 □ OR Geographic (Latitude & Longitude) □ Coordinates: 33° 21' 36.713" N, 117° 6' 38.018" W (submitted on behalf of the observer [Karen Wilson, biologist, formerly with TRC Solutions, Irvine, CA])			
Habitat Description (plant communities, dominants, associates, substrates/soils, aspects, individuals are located in an abandoned citrus grove that has not been maintained for Other rare taxa seen at THIS site on THIS date: (separate form preferred)			
Site Information Overall site/occurrence quality/viability (site + population): Immediate AND surrounding land use:	☐ Excellent ☐ Good ☐ Fair ☐ Poor		
Visible disturbances: formerly used and maintained as a citrus orchard			
Threats: site is proposed for use as a new power plant			
Comments: occurrence consists of one mature oak and several saplings			
Determination: (check one or more, and fill in blanks) Keyed (cite reference): Compared with specimen housed at: Compared with photo / drawing in: By another person (name): Karen Wilson, biologist, formerly with TRC Solutions Other:	Photographs: (check one or more) Slide Print Digital Plant / animal		

	For Office Use Only
Source Code	Quad Code
Elm Code	Occ. No
EO Index No.	Map Index No.

Date of Field Work (mmlddlyyyy): 05/22/2008 EO Index No.	Map Index No.		
Reset California Native Species F	ield Survey Form Send Form		
Scientific Name: Tetracoccus dioicus Parry			
Common Name: Parry's Tetracoccus			
Total No. Individuals 4 Subsequent Visit? yes Ino Is this an existing NDDB occurrence? no Yes, Occ. #	porter: Virginia Moran, Ecological Outreach Servs(EOS) dress: POB 2858 rass Valley, CA 95945 nail Address: ecooutreachmoran@yahoo.com one: (530) 272-7132		
Plant Information Phenology: 60 % 20 % 10 % regetative flowering fruiting fruiting fruiting fruiting fruiting fruiting	reniles # larvae # egg masses # unknown		
Location Description (please attach map ANDIOR fill out yo	our choice of coordinates, below)		
Quad Name: Pala 7.5" topographic quadrangle TR Sec,¼ of¼, Meridian: H□ M□ S□ GP TR Sec,¼ of¼, Meridian: H□ M□ S□ GP DATUM: NAD27 □ NAD83 □ WGS84 ☑ Ho	/ Mgr.: Unknown Elevation: 428 ft urce of Coordinates (GPS, topo. map & type): S Make & Model Garmin Etrex rizontal Accuracy 14 ft meters/feet raphic (Latitude & Longitude)		
Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope): Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oak grasses (dried) with the following shrubs: California sagebrush (Artemisia californica), California Coastal buckwheat (Eriogonum fasciculatum), Laurel sumac (Malsoma laurina), holly-leaved cherry (Prunus illcifolia), scrub oak (Quercus berberidifoila), white sage (Salvia apiana), ropevine clematis (Clematis pauciflora). The typically later blooming tarweeds (Deinandra fasciculata and Deinandra paniculata) were already in anthesis and entering seed set (in mid-May). Other rare taxa seen at THIS site on THIS date: (separate form preferred) Site Information Overall site/occurrence quality/viability (site + population):			
Visible disturbances: Current use was bechives. Pala Del Norte is access road that bise Threats: Development Comments: The flowering periods and seed set seemed accelerated in many herbaceous			
Determination: (check one or more, and fill in blanks) ☐ Keyed (cite reference): Compared with specimen housed at: Rancho Santa Ana Botanic Garden ☐ Compared with photo / drawing in: CalPhoto ☐ By another person (name): Other:	Photographs: (check one or more) Slide Print Digital Plant / animal		

	For Office Use Only	
Source Code	Quad Code	
Elm Code	Occ. No	
EO Index No.	Map Index No.	— <i>j</i>

Date of Field Work (mmlddlyyyy): 05/22/2008 EO Index No.	Map Index No		
Reset California Native Species Field	Survey Form Send Form		
Scientific Name: Tetracoccus dioicus Parry			
Common Name: Parry's Tetracoccus			
Yes No If not, why? Total No. Individuals 11 Subsequent Visit? ☐ yes ☑ no Is this an existing NDDB occurrence? ☐ no ☑ unk. Yes, Occ. # Address: Grass Va E-mail Address:	Virginia Moran, Ecological Outreach Servs(EOS) POB 2858 alley, CA 95945 dress: ecooutreachmoran@yahoo.com (530) 272-7132		
Phenology: 50 % 10 % fruiting Animal Information Animal Information # adults # juveniles breeding wintering burn	# larvae # egg masses # unknown Trow site rookery nesting other		
Location Description (please attach map <u>ANDIOR</u> fill out your cl	hoice of coordinates, below)		
County: San Diego County Quad Name: Pala 7.5" topographic quadrangle T R Sec,¼ of¼, Meridian: H□ M□ S□ Source of Coordinates (GPS, topo. map & type): T R Sec,¼ of¼, Meridian: H□ M□ S□ GPS Make & Model Garmin Etrex DATUM: NAD27 □ NAD83 □ WGS84 ☑ Horizontal Accuracy 14 ft meters/feet Coordinate System: UTM Zone 10 □ UTM Zone 11 ☑ OR Geographic (Latitude & Longitude) □			
Coordinates: 489509 3691221 Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/ski. Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual br following shrubs: California sagebrush (Artemisia californica), California Coastal buc (Malsoma laurina), holly-leaved cherry (Prunus illeifolia), scrub oak (Quercus berberi clematis (Clematis pauciflora). The typically later blooming tarweeds (Deinandra fasc anthesis and entering seed set (in mid-May). Other rare taxa seen at THIS site on THIS date: (separate form preferred)	romes and wild oak grasses (dried) with the skwheat (Eriogonum fasciculatum), Laurel sumac idifoila), white sage (Salvia apiana), ropeying		
Site Information Overall site/occurrence quality/viability (site + population): Excellent Good Fair Poor Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub. Visible disturbances: Current use was beehives. Pala Del Norte is access road that bisects the property. Threats: Development Comments: The flowering periods and seed set seemed accelerated in many herbaceous species. Most of the herb layer was dead.			
□ Keyed (cite reference): □ Compared with specimen housed at: Rancho Santa Ana Botanic Gardon □ Compared with photo / drawing in: CalPhoto □ By another person (name):	Photographs: (check one or more) Slide Print Digital Plant / animal ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐		

Date of Field Work	(mmlddhaaa)	05/22/2008
Date of Fleid WORK	(IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	03/22/2000

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Source Code	Quad Code	
Elm Code	Occ. No	
EO Index No.	Map Index No.]

Date of Field Work (mmlddlyyyy): 03/22/2008				
Reset California Native Species Fiel	d Survey Form Send Form			
Scientific Name: Tetracoccus dioicus Parry				
Common Name: Parry's Tetracoccus				
Yes No If not, why? Total No. Individuals 6 Subsequent Visit? yes no Is this an existing NDDB occurrence? no unk. Collection 0 If not, why? Address Grass V E-mail A	r: Virginia Moran, Ecological Outreach Servs("OS) s: POB 2858 Valley, CA 95945 ddress: ecooutreachmoran@yahoo.com (530) 272-7132			
Plant Information Animal Information				
Phenology: 60 % 20 % 10 % # adults # juveniles	# larvae # egg masses # unknown			
Location Description (please attach map AND/OR fill out your of the county: San Diego County Landowner / Mor	,			
County: San Diego County Landowner / Mgr Quad Name: Pala 7.5" topographic quadrangle	Elevation: 466 ft			
	of Coordinates (GPS, topo. map & type):			
	ake & Model Garmin Etrex			
PARTITION AND PROPERTY AND PROP	tal Accuracy 16 ft meters/feet			
Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☑ OR Geographi Coordinates: 489590 3691272	c (Latitude & Longitude)			
Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/	slope):			
Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oak grasses (dried) with the following shrubs: California sagebrush (Artemisia californica), California Coastal buckwheat (Eriogonum fasciculatum), Laurel sumac (Malsoma laurina), holly-leaved cherry (Prunus illcifolia), scrub oak (Quercus berberidifoila), white sage (Salvia apiana), ropevine clematis (Clematis pauciflora). The typically later blooming tarweeds (Deinandra fasciculata and Deinandra paniculata) were already in anthesis and entering seed set (in mid-May). Other rare taxa seen at THIS site on THIS date: (separate form preferred)				
Site Information Overall site/occurrence quality/viability (site + population): Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coals.	☑ Excellent ☐ Good ☐ Fair ☐ Poor astal sage scrub.			
Visible disturbances: Current use was beehives. Pala Del Norte is access road that bisects th	e property.			
Threats: Development				
Comments: The flowering periods and seed set seemed accelerated in many herbaceous species. Most of the herb layer was dead.				
Determination: (check one or more, and fill in blanks)	Photographs: (check one or more) Slide Print Digital			
□ Keyed (cite reference): □ Compared with specimen housed at: Rancho Santa Ana Botanic Garden □ Compared with photo / drawing in: CalPhoto □ By another person (name):	Plant / animal			
By another person (name):				
	May we obtain duplicates at our expense? yes ✓ no ☐			

Mail to: California Natural Diversity Database Department of Fish and Game 1807 13th Street, Suite 202 Sacramento, CA 95814

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Source Code	Quad Code
Elm Code	Occ. No
EO Index No.	Map Index No

Sacramento, CA 95614 Fax: (916) 324-0475 email: CNDDB@dfg.ca.gov	Elm Code	Occ. No.	
Date of Field Work (mmlddlyyyy): 05/21/2008	EO Index No.	Map Index	k No
Reset California Native	Species Field	d Survey Form	Send Form
Scientific Name: Tetracoccus dioicus Parry			
Common Name: Parry's Tetracoccus			
	☑ no ☐ unk. ☐ Address ☐ Grass V ☐ E-mail A	POB 2858 Valley, CA 95945 ddress: ecooutreachmoran@ (530) 272-7132	
Plant Information Animal	Information		
Phenology: 70 % 20 % 10 % # ad breedi			masses # unknown
Location Description (please attach map <u>AND</u> /S	<u>OR</u> fill out your o	choice of coordinate	s, below)
County: San Diego County Quad Name: Pala 7.5" topographic quadrangle	_ Landowner / Mgr.		152.0
T R Sec, ¼ of¼, Meridian: H□	MIT SIT Source	Elevation: of Coordinates (GPS, topo. m	
T R Sec, ¼ of¼, Meridian: H□		ike & Model <u>Garmin</u> Etrex	ap & type).
DATUM: NAD27 NAD83 WGS84 7		al Accuracy 15 ft	meters/feet
Coordinate System: UTM Zone 10 UTM Zone 11 2		c (Latitude & Longitude)	
Coordinates: 489691 3691300		, , <u>-</u>	
Habitat Description (plant communities, dominants, associates,	substrates/soils, aspects/	slope):	
Coastal sage scrub. Dominants of herbaceous layer was prima following shrubs: California sagebrush (Artemisia californica) (Malsoma laurina), holly-leaved cherry (Prunus illcifolia), scr clematis (Clematis pauciflora). The typically later blooming to anthesis and entering seed set (in mid-May). Other rare taxa seen at THIS site on THIS date: (separate form preferred)), California Coastal bu ub oak (Quercus berbe	ickwheat (Eriogonum fascicu ridifoila), white sage (Salvia	ilatum), Laurel sumac apiana), ropevine
Site Information Overall site/occurrence quality/viability (simmediate AND surrounding land use: Abandoned orchard surrounding land use)		Z Excellent Good	□ Fair □ Poor
Visible disturbances: Current use was beehives. Pala Del Norte is a	, ,		
Threats: Development		· property.	
Comments: The flowering periods and seed set seemed accelerated	in many herbaccous spec	ies. Most of the herb layer was d	lead.
Determination: (check one or more, and fill in blanks) ☐ Keyed (cite reference):	nic Garden	Photographs: (check one or medical Plant / animal Habitat Diagnostic feature	

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Source Code	Quad Code	
Elm Code	Occ. No	
EO Index No.	Map Index No.	

Date of Field Work (mmlddlyyyy): 05/21/2008	Map Index No.		
Reset California Native Species Fiel	d Survey Form Send Form		
Scientific Name: Tetracoccus dioicus Parry			
Common Name: Parry's Tetracoccus			
Total No. Individuals 4 Subsequent Visit? yes no Grass \ Is this an existing NDDB occurrence? no unk.	r: Virginia Moran, Ecological Outreach Servs(EOS) : POB 2858 Valley, CA 95945 ddress: ecooutreachmoran@yahoo.com (530) 272-7132		
Plant Information Phenology: 60 % 20 % 10 % fruiting fruiting Animal Information # adults # juveniles □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	# larvae # egg masses # unknown U		
Location Description (please attach map <u>ANDIOR</u> fill out your	choice of coordinates, below)		
County: San Diego County Quad Name: Pala 7.5" topographic quadrangle T R Sec,¼ of¼, Meridian: H□ M□ S□ Source of Coordinates (GPS, topo. map & type): T R Sec,¼ of¼, Meridian: H□ M□ S□ GPS Make & Model Garmin Etrex DATUM: NAD27 □ NAD83 □ WGS84 ☑ Horizontal Accuracy 15 ft meters/feet Coordinate System: UTM Zone 10 □ UTM Zone 11 ☑ OR Geographic (Latitude & Longitude) □ Coordinates: 489602 3691366			
Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/. Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual land following shrubs: California sagebrush (Artemisia californica), California Coastal by (Malsoma laurina), holly-leaved cherry (Prunus illeifolia), scrub oak (Quercus berbe clematis (Clematis pauciflora). The typically later blooming tarweeds (Deinandra fas anthesis and entering seed set (in mid-May). Other rare taxa seen at THIS site on THIS date: (separate form preferred) Site Information Overall site/occurrence quality/viability (site + population):	promes and wild oak grasses (dried) with the ackwheat (Eriogonum fasciculatum), Laurel sumac tridifoila), white sage (Salvia aniana), ropeying		
Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub. Visible disturbances: Current use was beehives. Pala Del Norte is access road that bisects the property. Threats: Development Comments: The flowering periods and seed set seemed accelerated in many herbaceous species. Most of the herb layer was dead.			
Determination: (check one or more, and fill in blanks) ☐ Keyed (cite reference): Compared with specimen housed at: Rancho Santa Ana Botanic Garden ☐ Compared with photo / drawing in: CalPhoto By another person (name): ☐ Other: Other:	Photographs: (check one or more) Slide Print Digital Plant / animal		

	For Office Use Only
Source Code	Quad Code
Elm Code	Occ. No
EO Index No.	Map Index No.

Date of Field Work (mmlddlyyyy): 05/21/2008	Map Index No
Reset California Native Species Field	d Survey Form Send Form
Scientific Name: Tetracoccus dioicus Parry	
Common Name: Parry's Tetracoccus	
Total No. Individuals 9 Subsequent Visit?	r: Virginia Moran, Ecological Outreach Servs(EOS) : POB 2858 /alley, CA 95945 ddress: ecooutreachmoran@yahoo.com (530) 272-7132
Plant Information Phenology: 60 % 20 % 10 % fruiting # adults # juveniles The property of	# larvae # egg masses # unknown
Location Description (please attach map <u>ANDIOR</u> fill out your o	•
County: San Diego County Landowner / Mgr. Quad Name: Pala 7.5" topographic quadrangle	: <u>Unknown</u> Elevation: 480 ft
	of Coordinates (GPS, topo. map & type):
	ike & Model Garmin Etrex
	ral Accuracy 15 ft meters/feet
A	c (Latitude & Longitude)
Coordinates: 489583 3691333 Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/	slope):
Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual tollowing shrubs: California sagebrush (Artemisia californica), California Coastal bu (Malsoma laurina), holly-leaved cherry (Prunus illcifolia), scrub oak (Quercus berbe clematis (Clematis pauciflora). The typically later blooming tarweeds (Deinandra far anthesis and entering seed set (in mid-May).	bromes and wild oak grasses (dried) with the uckwheat (Eriogonum fasciculatum), Laurel sumac tridifoila), white sage (Salvia apiana), ropeyine
Other rare taxa seen at THIS site on THIS date: (separate form preferred)	
Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coa	1
Visible disturbances: Current use was beehives. Pala Del Norte is access road that bisects the	e property.
Threats: Development	
Comments: The flowering periods and seed set seemed accelerated in many herbaceous spec	ies. Most of the herb layer was dead.
Determination: (check one or more, and fill in blanks) ☐ Keyed (cite reference): Compared with specimen housed at: Rancho Santa Ana Botanic Garden ☐ Compared with photo / drawing in: CalPhoto ☐ By another person (name): Other:	Photographs: (check one or more) Slide Print Digital Plant / animal

	For Office Use Only
Source Code	Quad Code
Elm Code	Occ. No
EO Index No.	Map Index No.

Date of Field Work (mmlddlyyyy): 05/21/2008 EO Index No	Map Index No.
Reset California Native Species Fiel	d Survey Form Send Form
Scientific Name: Tetracoccus dioicus Parry	
Common Name: Parry's Tetracoccus	
Total No. Individuals 1 Subsequent Visit? 1 yes 2 no Is this an existing NDDB occurrence? 1 no 2 unk. Collection? If yes: Number Museum / Herbarium Plant Information Phenology: 80 % 10 % flowering for interest of the property of the pr	Pr: Virginia Moran, Ecological Outreach Servs(EOS) s: POB 2858 Valley, CA 95945 Address: ecooutreachmoran@yahoo.com (530) 272-7132
Location Description (please attach map <u>AND/OR</u> fill out your	choice of coordinates, below)
T R Sec, ¼ of ¼, Meridian: H□ M□ S□ GPS M DATUM: NAD27 □ NAD83 □ WGS84 ☑ Horizon	r.: Unknown Elevation: 479 ft of Coordinates (GPS, topo. map & type): ake & Model Garmin Etrex Ital Accuracy 16 ft meters/feet ic (Latitude & Longitude)
Habitat Description (plant communities, dominants, associates, substrates/soils, aspects Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual following shrubs: California sagebrush (Artemisia californica), California Coastal b (Malsoma laurina), holly-leaved cherry (Prunus illcifolia), scrub oak (Quercus berb clematis (Clematis pauciflora). The typically later blooming tarweeds (Deinandra fa anthesis and entering seed set (in mid-May). Other rare taxa seen at THIS site on THIS date: (separate form preferred)	bromes and wild oak grasses (dried) with the buckwheat (Eriogonum fasciculatum), Laurel sumac eridifoila), white sage (Salvia apiana), ropevine asciculata and Deinandra paniculata) were already in
Site Information Overall site/occurrence quality/viability (site + population): Immediate AND surrounding land use: Abandoned orchard surrounded by high quality of Visible disturbances: Current use was beehives. Pala Del Norte is access road that bisects to Threats: Development Comments: The flowering periods and seed set seemed accelerated in many herbaceous specific process.	ne property.
Determination: (check one or more, and fill in blanks)	Photographs: (check one or more) Slide Print Digital Plant / animal □ □ □ Habitat □ □ □ Diagnostic feature □ □ □ May we obtain duplicates at our expense? yes √ no □

Date	of Eigla	Work	(mm/dd/vvvv):	05/21/2008
vate	or riela	VVOIK	(mm/aa/vvvv):	03/21/2000

	For Office Use Only
Source Code	Quad Code
Elm Code	Occ. No
EO Index No.	Map Index No

Date of Field Work (mm/dd/yyyy): 05/21/2008	Map macx no.		
California Native Species Field	d Survey Form Send Form		
Scientific Name: Tetracoccus dioicus Parry			
Common Name: Parry's Tetracoccus			
Yes No If not, why? Total No. Individuals 6 Subsequent Visit? ☐ yes ☑ no Is this an existing NDDB occurrence? ☐ no ☑ unk. Yes, Occ. # ☐ Femail A	r: Virginia Moran, Ecological Outreach Servs("OS) s: POB 2858 Valley, CA 95945 Address: ecooutreachmoran@yahoo.com (530) 272-7132		
Plant Information Animal Information			
Phenology: 80 % 10 % 10 % # adults # juveniles	# larvae # egg masses # unknown		
Location Description (please attach map AND/OR fill out your	choice of coordinates, below)		
County: San Diego County Quad Name: Pala 7.5" topographic quadrangle T R Sec,¼ of¼, Meridian: H□ M□ S□			
Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope): Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oak grasses (dried) with the following shrubs: California sagebrush (Artemisia californica), California Coastal buckwheat (Eriogonum fasciculatum), Laurel sumac (Malsoma laurina), holly-leaved cherry (Prunus illcifolia), scrub oak (Quercus berberidifoila), white sage (Salvia apiana), ropevine clematis (Clematis pauciflora). The typically later blooming tarweeds (Deinandra fasciculata and Deinandra paniculata) were already in anthesis and entering seed set (in mid-May). Other rare taxa seen at THIS site on THIS date: (separate form preferred)			
Site Information Overall site/occurrence quality/viability (site + population): Excellent Good Fair Poor Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub. Visible disturbances: Current use was beehives. Pala Del Norte is access road that bisects the property. Threats: Development Comments: The flowering periods and seed set seemed accelerated in many herbaceous species. Most of the herb layer was dead.			
Determination: (check one or more, and fill in blanks) ☐ Keyed (cite reference): ✓ ☐ Compared with specimen housed at: Rancho Santa Ana Botanic Garden ☐ Compared with photo / drawing in: CalPhoto ☐ By another person (name): Other:	Photographs: (check one or more) Slide Print Digital Plant / animal □ □ □ Habitat □ □ □ Diagnostic feature □ □ □ May we obtain duplicates at our expense? yes ☑ no		

Date of Field Work	(mm/dd/yyyy):	05/21/2008
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For Office Use Only		
Source Code	Quad Code	
Elm Code	Occ. No	
EO Index No.	Map Index No.	

Reset California Native Species Field	d Survey Form Send Form	
Scientific Name: Tetracoccus dioicus Parry		
Common Name: Parry's Tetracoccus		
Total No. Individuals 3 Subsequent Visit? ☐ yes ☐ no Is this an existing NDDB occurrence? ☐ no ☐ unk. Collection Office.	r: Virginia Moran, Ecological Outreach Srves(EOS) :: POB 2858 Valley, CA 95945 ddress: ecooutreachmoran@yahoo.com (530) 272-7132	
Plant Information Animal Information		
	urrow site rookery nesting other	
County: San Diego County Cuad Name: Pala 7.5" topographic quadrangle T R Sec, ¼ of ¼, Meridian: H□ M□ S□ GPS Make & Model Garmin Etrex Location Description (please attach map AND/OR fill out your choice of coordinates, below) Landowner / Mgr.: Unknown Elevation: 448 ft Source of Coordinates (GPS, topo, map & type): GPS Make & Model Garmin Etrex		
DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☑ Horizont	tal Accuracy 16 ft meters/feet c (Latitude & Longitude)	
Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope): Coastal sage scrub. Dominants of herbaccous layer was primarily nonnative annual bromes and wild oak grasses (dried) with the following shrubs: California sagebrush (Artemisia californica), California Coastal buckwheat (Eriogonum fasciculatum), Laurel sumac (Malsoma laurina), holly-leaved cherry (Prunus illcifolia), scrub oak (Quercus berberidifoila), white sage (Salvia apiana), ropevinc clematis (Clematis pauciflora). The typically later blooming tarweeds (Deinandra fasciculata and Deinandra paniculata) were already in anthesis and entering seed set (in mid-May). Other rare taxa seen at THIS site on THIS date: (separate form preferred)		
Site Information Overall site/occurrence quality/viability (site + population):		
Determination: (check one or more, and fill in blanks) ☐ Keyed (cite reference): Compared with specimen housed at: Rancho Santa Ana Botanic Garden ☐ Compared with photo / drawing in: CalPhoto ☐ By another person (name): Other:	Photographs: (check one or more) Slide Print Digital Plant / animal □ □ □ Habitat □ □ □ Diagnostic feature □ □ □ May we obtain duplicates at our expense? yes ☑ no □	

	For Office Use Only
Source Code	Quad Code
Elm Code	Occ. No
EO Index No.	Map Index No.

Date of Field Work (mm/dd/yyyy): 05/21/2008 EO Index No Map Index No		
Reset California Native Species Fiel	d Survey Form Send Form	
Scientific Name: Tetracoccus dioicus Parry		
Common Name: Parry's Tetracoccus		
Total No. Individuals 4 Subsequent Visit? yes ono Is this an existing NDDB occurrence? no Yes, Occ. # Address Grass E-mail A	vr: Virginia Moran, Ecological Outreach Srves(EOS) s: POB 2858 Valley, CA 95945 Address: ecooutreachmoran@yahoo.com (530) 272-7132	
Plant Information Animal Information		
Phenology: 80 % 10 % 10 % # adults # juveniles	# larvae # egg masses # unknown D D D purrow site rookery nesting other	
Location Description (please attach map <u>AND</u> OR fill out your	choice of coordinates, below)	
County: San Diego County Landowner / Mgr	r.: <u>Unknown</u>	
Quad Name: Pala 7.5" topographic quadrangle	Elevation: 447 ft	
	of Coordinates (GPS, topo. map & type):ake & Model Garmin Etrex	
BATHA WAS TO SEE THE SECOND TO SECOND THE SE	tal Accuracy 16 ft meters/feet	
	ic (Latitude & Longitude)	
Coordinates: 489654 3691245	<u> </u>	
Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope): Coastal sage scrub. Dominants of herbaccous layer was primarily nonnative annual bromes and wild oak grasses (dried) with the following shrubs: California sagebrush (Artemisia californica), California Coastal buckwheat (Eriogonum fasciculatum), Laurel sumac (Malsoma laurina), holly-leaved cherry (Prunus illcifolia), scrub oak (Quercus berberidifoila), white sage (Salvia apiana), ropevine clematis (Clematis pauciflora). The typically later blooming tarweeds (Deinandra fasciculata and Deinandra paniculata) were already in anthesis and entering seed set (in mid-May).		
Other rare taxa seen at THIS site on THIS date: (separate form preferred)		
Site Information Overall site/occurrence quality/viability (site + population): ☑ Excellent ☐ Good ☐ Fair ☐ Poor Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub.		
Visible disturbances: Current use was bechives. Pala Del Norte is access road that bisects the property.		
Threats: Development		
Comments: The flowering periods and seed set seemed accelerated in many herbaceous species. Most of the herb layer was dead.		
Determination: (check one or more, and fill in blanks) ☐ Keyed (cite reference): ☐ Compared with specimen housed at: Rancho Santa Ana Botanic Garden ☐ Compared with photo / drawing in: CalPhoto ☐ By another person (name): ☐ Other:	Photographs: (check one or more) Slide Print Digital Plant / animal □ □ □ Habitat □ □ □ Diagnostic feature □ □ □ May we obtain duplicates at our expense? yes □ □ □	

Date of Field Work (mm/dd/yyyy): 12/20/2007

I	For Office Use Only
Source Code	Quad Code
Elm Code	Occ. No
EO Index No.	Map Index No

Reset California Native Species Field	d Survey Form Send Form	
Scientific Name: Aimophila ruficeps Scientific Name: Aimophila ruficeps		
Common Name: Rufous-crowned Sparrow		
Species Found?	r: Paula Potenza - TRC Solutions, Inc. : 1903 Wright Place, Suite 190 ad, CA 92008 ddress: ppotenza@trcsolutions.com [760] 603-1740	
Plant Information Animal Information	1.	
Phenology:%	# larvae # egg masses # unknown U U urrow site rookery nesting other	
Location Description (please attach map <u>AND/OR</u> fill out your	choice of coordinates, below)	
County: San Diego Quad Name: Pala Topographical Quadrangle T R Sec, ¼ of ¼, Meridian: H□ M□ S□ Source of Coordinates (GPS, topo. map & type): map T R Sec, ¼ of ¼, Meridian: H□ M□ S□ GPS Make & Model DATUM: NAD27 □ NAD83 □ WGS84 □ Horizontal Accuracy meters/feet Coordinate System: UTM Zone 10 □ UTM Zone 11 □ OR Geographic (Latitude & Longitude) ☑ Coordinates: Lat. 33 21' 36.55" N / Long. 117 6' 45.81" W		
Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/		
Coastal sage scrub and grasslands - coastal sage scrub dominate shrubs included California sage brush, California buckwheat, laural sumac, lemonade berry, black sage, white sage, deer weed, with understory of nonnative grassess and forbs. On mostly southeast facing slope/bowl. Other rare taxa seen at THIS site on THIS date: (separate form preferred)		
Site Information Overall site/occurrence quality/viability (site + population):	☐ Excellent ☐ Good ☐ Fair ☐ Poor	
Visible disturbances: Paved residential road, State Route 76, SDG&E substation, old orchard and storage yard.		
Threats: Developement.		
Comments: Observed duiring CAGN winter protocol surveys. Observed rufous-crowned sparrow in the same area again on Jan. 16 and 31, 2008; and Feb. 12, 2008.		
Determination: (check one or more, and fill in blanks)	Photographs: (check one or more) Slide Print Digital	
 ☐ Keyed (cite reference): ☐ Compared with specimen housed at: ☐ Compared with photo / drawing in: National Geographic Birds of North America 	Plant / animal	
By another person (name): Other: Permitted CAGN biologist, during CAGN protocl surveys	May we obtain duplicates at our expense? yes ☐ no ☐	